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SEATON VALLEY URBAN DISTRICT COUNCIL

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND THE

CHIEF SANITARY INSPECTOR

FOR THE

YEAR ENDED

31ST DECEMBER, 1953.

Council Offices,  
Seaton Delaval,  
Northumberland.



SEATON VALLEY URBAN DISTRICT COUNCIL

CHAIRMAN OF THE COUNCIL:

Councillor T.H. Hancock, J.P.

VICE-CHAIRMAN OF THE COUNCIL:

Councillor W. Forster.

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HEALTH COMMITTEE:

CHAIRMAN:

Councillor T.V. Longstaff

MEMBERS:

The whole Council.

OFFICIALS OF THE HEALTH DEPARTMENT:

Medical Officer of Health:

William Cunningham, M.B., Ch.B., D.P.H.

Deputy Medical Officer of Health:

Mrs. Evelyn M. Hall, M.B., B.S.

Chief Sanitary Inspector:

James R. Wilson, M.S.I.A., M.R.San.I.

Assistant Sanitary Inspector:

Ronald Simpson, M.R.S.I., M.S.I.A.

Chief Clerk:

Mr. T.J. Elliott.



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Council Offices,  
Seaton Delaval,  
Northumberland.

27th July 1954.

To the Chairman and Members of the  
Seaton Valley Urban District Council:  
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Mr. Chairman, Ladies and Gentlemen,

I beg to present to you the Annual Report of the Health and Sanitary Conditions of the district during the year 1953.

Diphtheria Immunisation:

1319 children up to 4 years of age and 3595 between 5 and 14 years of age had completed a full course of immunisation at any time up to the 31st December, 1953.

The estimated child population for mid-year 1953 was 1904 up to 4 years of age and 3855 between 5 and 14 years.

Infectious Diseases:

I have to record an increase in Scarlet Fever but a decrease in Measles and Whooping Cough.

Scarlet Fever:

91 cases were notified during the year as against 71 in 1952.

Diphtheria:

I have to report an absence of Diphtheria in the district for the fifth year in succession.

Measles:

There was a decrease in the number of cases notified. 248 cases were notified as against 250 in 1952.

Whooping Cough:

51 cases were notified during the year as against 54 in 1952.

Births:

The birth rate is slightly lower than in 1952.

Deaths:

The death rate is lower than in 1952.

Milk Supply:

There was an average maintenance of supplies of milk. The keeping qualities showed some improvement.

Details of analyses of samples will be found within the report.

Nutrition:

I have no evidence of malnutrition in the people due to present restrictions.

Water Supply:

The supply of water was adequate in both the Tynemouth and Newcastle areas of supply.

The pressure was maintained at a generally satisfactory level.

I wish to thank the Chairman and Members of the Health Committee for their sympathetic encouragement during the year and Mr. Wilson, Chief Sanitary Inspector, and all the staff for their constant loyalty and hard work.

I have the honour to be,  
Your obedient Servant,

W. CUNNINGHAM,

Medical Officer of Health.

SECTION A.

STATISTICAL AND SOCIAL CONDITIONS OF THE AREA:

Area (in acres)                      -                      12,459

Population: Registrar-General's Estimate of population  
mid-year was 26,210 (26,200).

Inhabited Houses: 8,154 approximately at March, 1953.

Rateable Value:        £116,002 at 1st April, 1954.  
                             (£114,245 at 1st April, 1953).

Sum represented by a penny rate - £420 (£410 in 1953).

EXTRACT FROM VITAL STATISTICS OF THE YEAR.

| Live Births:  | <u>Males</u> | <u>Females</u> | <u>Total</u>     |
|---------------|--------------|----------------|------------------|
| Legitimate:   | 178          | 161            | 339              |
| Illegitimate: | <u>6</u>     | <u>7</u>       | <u>13</u>        |
|               | <u>184</u>   | <u>168</u>     | <u>352</u> (382) |

Distribution of births registered in Seaton Valley Urban Area,  
shown in districts:

| District        | <u>Legitimate</u> |                | <u>Illegitimate</u> |                | <u>Total</u> |
|-----------------|-------------------|----------------|---------------------|----------------|--------------|
|                 | <u>Males</u>      | <u>Females</u> | <u>Males</u>        | <u>Females</u> |              |
| Cramlington:    | 21                | 17             | -                   | 1              | 39           |
| Seaton Delaval: | 26                | 17             | -                   | -              | 43           |
| Soghill:        | 4                 | 8              | -                   | -              | 12           |
| Earsdon:        | 20                | 22             | -                   | -              | 42           |
|                 | <u>71</u>         | <u>64</u>      | <u>-</u>            | <u>1</u>       | <u>136</u>   |

217 births (113 males and 104 females) were registered in  
other districts. Of these 6 males and 6 females were  
illegitimate.

Birth Rate:

The birth rate per 1,000 of the estimated resident  
population is 13.42 (14.58 in 1952).

Corrected birth rate (comparability factor 1.04) is 13.95.

Still Births:

4 (3 males and 1 female)        (14 in 1952).

Rate per 1,000 (live and still births - 11.23 (35.35 in 1952)).

Deaths:

| <u>Males</u> | <u>Females</u> | <u>Total</u>          |
|--------------|----------------|-----------------------|
| 159          | 122            | 281    (306 in 1952). |

Death of Infants under 1 year of age:

|               | <u>Males</u> | <u>Females</u> | <u>Total</u>   |
|---------------|--------------|----------------|----------------|
| Legitimate:   | 4            | 5              | 9              |
| Illegitimate: | <u>-</u>     | <u>1</u>       | <u>1</u>       |
|               | <u>4</u>     | <u>6</u>       | <u>10</u> (10) |

Death of Infants under 4 weeks of age:

|               | <u>Males</u> | <u>Females</u> | <u>Total</u> |
|---------------|--------------|----------------|--------------|
| Legitimate:   | 4            | 4              | 8            |
| Illegitimate: | <u>-</u>     | <u>1</u>       | <u>1</u>     |
|               | <u>4</u>     | <u>5</u>       | <u>9</u> (6) |

Distribution of deaths in Districts:

| District        | Males | Females | Total |
|-----------------|-------|---------|-------|
| Cramlington:    | 35    | 36      | 71    |
| Seaton Delaval: | 51    | 38      | 89    |
| Soghill:        | 19    | 8       | 27    |
| Earsdon:        | 54    | 40      | 94    |
|                 | 159   | 122     | 281   |

Death Rate:

The death rate per 1,000 of the estimated resident population is 10.71 (11.67 in 1952).

Corrected Death Rate:

The corrected death rate (comparability factor 1.05) is 11.24.

Deaths from Puerperal Causes:

|                       |   |       |
|-----------------------|---|-------|
| Puerperal Sepsis      | - | 0 (0) |
| Other maternal causes | - | 0 (0) |

Death Rate of Infants under 1 year of age:

|                                                            |   |        |          |
|------------------------------------------------------------|---|--------|----------|
| All infants per 1,000 live births                          | - | 53.97  | (41.88)  |
| Legitimate infants per 1,000<br>legitimate live births     | - | 50.14  | (37.53)  |
| Illegitimate infants per 1,000<br>illegitimate live births | - | 153.84 | (222.22) |
| Deaths from Cancer (all ages)                              | - | 42     | (48)     |
| Deaths from Measles (all ages)                             | - | 0      | (0)      |
| Deaths from Diarrhoea (under 2<br>years of age)            | - | 0      | (0)      |
| Deaths from Whooping Cough                                 | - | 0      | (0)      |

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA:

There were no changes in:

- (a) Laboratory facilities
- (b) Nursing in the Home
- (c) Treatment Centres and Clinics
- (d) Hospitals.

Laboratory Facilities:

The following examinations were made in the Public Health Laboratory, Newcastle upon Tyne.

| <u>Examination Requested:</u> | <u>Swabs</u> | <u>Positive</u> | <u>Negative</u> |
|-------------------------------|--------------|-----------------|-----------------|
| Diphtheria                    | 14           | -               | 14              |
| B. Tuberculosis               | 142          | 27              | 115             |
| Strept. Haemolyticus          | 14           | 4               | 10              |
| Faeces (for Organisms)        | 6            | -               | 6               |
| Pus (Organisms)               | 1            | 1               | -               |
| Urine (Organisms)             | 1            | 1               | -               |
| Laryngeal                     | 1            | -               | 1               |
|                               | <u>179</u>   | <u>33</u>       | <u>146</u>      |

SECTION C.

Sanitary Circumstances of the Area:

Water:

Water is purchased in bulk from the Tynemouth Corporation and the Newcastle and Gateshead Water Company, and is distributed by the Council in the Council's network of mains. There is no service reservoir.

The pressure is generally maintained at a satisfactory level, and there was no shortage during the year.

The pressure in the Village of Cramlington has occasionally fallen below a satisfactory level, but this has usually been due to factors beyond the Council's direct control.

The water is controlled by bacteriological and chemical examination by the two bulk supply authorities. The supply as received and distributed was satisfactory in quality and quantity.

The following table shows the districts served by the two bulk water suppliers and the appropriate numbers of houses and approximate populations served by standpipes and with house services.

Newcastle and Gateshead Water Company.

|                               | EARSDON | SEGHILL |
|-------------------------------|---------|---------|
| Houses supplied by standpipe  | 169     | 126     |
| Population                    | 338     | 257     |
| Houses with internal services | 2257    | 591     |
| Population                    | 8822    | 1934    |

Tynemouth Corporation.

|                               | CRAMLINGTON | SEATON DELAVAL |
|-------------------------------|-------------|----------------|
| Houses supplied by standpipe  | 630         | 652            |
| Population                    | 2141        | 2044           |
| Houses with internal services | 1836        | 1593           |
| Population                    | 5704        | 4994           |

Drainage and Sewerage:

Sewerage from the whole of the Earsdon, Seaton Delaval, Holywell, Seghill and part of the Cramlington district flows through gravitational sewers and is discharged into the sea. Sewage from the northern part of the district is treated in two disposal works, one at Nelson Village and one at East Hartford. The effluent from the former is not satisfactory, and it is apparent that remedial works are becoming urgently necessary.

Proposals for the new tributary sewers have been placed before the Ministry of Housing and Local Government.

Rivers and Streams:

|                                     |   |                     |
|-------------------------------------|---|---------------------|
| Rivers and Streams                  | ) |                     |
| Closet Accommodation                | ) |                     |
| Public Cleansing                    | ) | These items are     |
| Sanitary Inspection of the District | ) | dealt with in the   |
| Shops and Offices                   | ) | Chief Sanitary      |
| Camping Sites                       | ) | Inspector's report. |
| Swimming Baths and Pools            | ) |                     |
| Eradication of Bed Bugs             | ) |                     |

### Schools:

The sanitary condition and the water supply of all schools in the Area have been satisfactory.

### SECTIONS D AND E.

Relating to Housing and inspection and supervision of Food are dealt with in the Chief Sanitary Inspector's report.

### SECTION F.

### PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

#### Scarlet Fever:

91 (71) cases of Scarlet Fever were notified. 58 cases were removed to the Isolation Hospital. 33 cases were isolated at home.

Distribution in the districts was:

|                 |               |       |
|-----------------|---------------|-------|
| Cramlington:    | 5(18)         | cases |
| Seaton Delaval: | 41(16)        | "     |
| Soghill:        | 9( 2)         | "     |
| Earsdon:        | 36(35)        | "     |
|                 | <u>91(71)</u> | "     |

Incidence of Scarlet Fever per 1,000 of the population was 3.47 (2.70).

#### Diphtheria:

The district was free of Diphtheria during the year.

14 throat swabs were submitted to the Laboratory during the year, and all proved negative for Diphtheria.

#### Pneumonia:

4 (1) cases of Pneumonia were notified.

Deaths - 7 (6).

Incidence rate per 1,000 of the population was 0.26 (0.22).

It is evident that some cases of Pneumonia had not been notified.

#### Erysipelas:

5 cases of Erysipelas were notified during the year.

### Notifiable Diseases (excluding Tuberculosis) during 1953

| Disease                | Cases<br>Notified | Cases<br>Admitted to<br>Hospital | Total<br>Deaths |
|------------------------|-------------------|----------------------------------|-----------------|
| Erysipelas             | 5(0)              | 1                                | -               |
| Scarlet Fever          | 91(71)            | 58                               | -               |
| Pneumonia              | 4(1)              | -                                | 7               |
| Dysentery              | -(0)              | -                                | -               |
| Whooping Cough         | 51(34)            | -                                | -               |
| Measles                | 248(250)          | -                                | -               |
| Food Poisoning         | -(2)              | -                                | -               |
| Paratyphoid            | -(6)              | -                                | -               |
| Puerperal Pyrexia      | 2(1)              | -                                | -               |
| Meningitis             | -(2)              | -                                | -               |
| Chicken Pox            | -(1)              | -                                | -               |
| Non-Para Poliomyelitis | -(2)              | -                                | -               |

# Analysis of total notified cases under age groups

| Disease           | Age Unknown | Under 1 | 1  | 2  | 3  | 4  | 5   | 10 | 15 | 20 | 35 | 45 | 65 & over |
|-------------------|-------------|---------|----|----|----|----|-----|----|----|----|----|----|-----------|
| Scarlet Fever     | 1           | -       | 2  | 8  | 9  | 9  | 53  | 7  | 1  | 1  | -  | -  | -         |
| Pneumonia         | -           | -       | -  | -  | -  | -  | 1   | -  | -  | 1  | -  | 1  | 1         |
| Whooping Cough    | -           | 4       | 3  | 13 | 11 | 13 | 7   | -  | -  | -  | -  | -  | -         |
| Measles           | -           | 10      | 25 | 25 | 42 | 37 | 107 | 2  | -  | -  | -  | -  | -         |
| Erysipelas        | -           | -       | -  | -  | -  | -  | -   | -  | -  | -  | -  | 4  | 1         |
| Puerperal Pyrexia | -           | -       | -  | -  | -  | -  | -   | -  | -  | 2  | -  | -  | -         |

## Prevention of Blindness:

No case of Ophthalmia Neonatorum was notified during the year.

## Tuberculosis:

At the beginning of the year there were 139(117) cases on the register, 112 Pulmonary, and 27 Non-Pulmonary.

23 new cases, 19 Pulmonary and 4 Non-Pulmonary, were reported during the year.

There were 5(4) deaths, 4 Pulmonary, 1 Non-Pulmonary.

149 (139) cases, 120 Pulmonary and 29 Non-Pulmonary were on the register at the end of the year.

1 Pulmonary case was transferred to another district.

7 cases, 6 Pulmonary and 1 Non-Pulmonary, were removed from the register as having recovered.

## New Cases and Mortality during 1953.

| Age Periods | New Cases   |                 | Deaths      |                 |
|-------------|-------------|-----------------|-------------|-----------------|
|             | Respiratory | Non-Respiratory | Respiratory | Non-Respiratory |
| Age Unknown | 1           | -               | -           | -               |
| Under 1     | -           | -               | -           | -               |
| 1-          | 1           | -               | -           | -               |
| 5-          | -           | -               | 1           | 1               |
| 15-         | 6           | 2               | 1           | -               |
| 25-         | 5           | 1               | -           | -               |
| 35-         | 2           | 1               | -           | -               |
| 45-         | 2           | -               | 1           | -               |
| 55-         | 2           | -               | 1           | -               |
| 65 & Over   | -           | -               | -           | -               |
|             | 19          | 4               | 4           | 1               |

## Distribution of Deaths in Districts

| District        | Pulmonary |        | Non-Pulmonary |        | Total |
|-----------------|-----------|--------|---------------|--------|-------|
|                 | Male      | Female | Male          | Female |       |
| Cranlington:    | 1         | -      | -             | -      | 1     |
| Seaton Delaval: | 1         | -      | -             | -      | 1     |
| Seghill:        | 1         | -      | -             | -      | 1     |
| Harsdon:        | 1         | -      | 1             | -      | 2     |
|                 | 4         | -      | 1             | -      | 5     |

Death rate from Tuberculosis (all forms) 33.55 (28.77) per 1,000 cases, on the register at the 31st December, 1953.

Death rate per 1,000 population was 0.190 (0.152).

## Notification of Tuberculosis:

No action was necessary to enforce notification.

Venereal Diseases:

Propaganda has been conducted on the lines suggested by the Ministry of Health and Central Council for Health Education.

No case had applied to the Department for advice.

National Assistance Act 1948 Sec. 47:

No action under the above was necessary during the year.

Incidence of Infectious Diseases Notified  
Years 1944 - 1953.

|                                   | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | 1951 | 1952 | 1953 |
|-----------------------------------|------|------|------|------|------|------|------|------|------|------|
| Scarlet Fever                     | 63   | 50   | 45   | 26   | 122  | 66   | 63   | 48   | 71   | 91   |
| Diphtheria                        | 139  | 24   | 28   | 8    | 4    | -    | -    | -    | -    | -    |
| Erysipelas                        | 4    | 4    | 2    | 3    | 2    | 2    | 3    | -    | -    | 5    |
| Pneumonia                         | 7    | 5    | 6    | 8    | 8    | 2    | 8    | 10   | 1    | 4    |
| Whooping Cough                    | 13   | 11   | 12   | 23   | 81   | 38   | 64   | 103  | 34   | 51   |
| Measles                           | 76   | 197  | 138  | 146  | 422  | 162  | 257  | 485  | 250  | 248  |
| Puerperal Pyrexia                 | 2    | 1    | 1    | 1    | -    | -    | 2    | -    | 1    | 2    |
| Ophthalmia Neonatorum             | -    | 2    | -    | 1    | -    | -    | -    | -    | 6    | -    |
| Para Typhoid                      | -    | -    | -    | 1    | -    | -    | -    | -    | 2    | -    |
| Food Poisoning                    | -    | -    | -    | -    | -    | -    | -    | -    | 2    | -    |
| Dysentery                         | 6    | 2    | -    | 1    | -    | -    | 3    | 1    | -    | -    |
| Meningitis & Cerebro-Spinal Fever | 2    | -    | 3    | 2    | 2    | 2    | -    | -    | 2    | -    |
| Malaria                           | -    | -    | 1    | -    | 1    | -    | -    | -    | -    | -    |
| Chicken Pox                       | -    | -    | -    | -    | -    | -    | -    | -    | 1    | -    |
| Poliomyelitis Paralytic           | -    | -    | -    | 3    | -    | 1    | 2    | -    | -    | -    |
| " Non-Paralytic                   | -    | -    | -    | -    | -    | -    | 5    | -    | 2    | -    |
|                                   | 312  | 296  | 236  | 223  | 642  | 273  | 407  | 647  | 370  | 401  |

CAUSES OF DEATH IN THE SEATON VALLEY AREA 1953.

| <u>Causes of Death</u>                     | <u>Male</u> | <u>Female</u> |
|--------------------------------------------|-------------|---------------|
| All causes                                 | 159         | 122           |
|                                            | <u>Male</u> | <u>Female</u> |
| 1. Tuberculosis of Respiratory System      | 4           | -             |
| 2. Other forms of Tuberculosis             | 1           | -             |
| 3. Syphilitic disease                      | -           | -             |
| 4. Diphtheria                              | -           | -             |
| 5. Whooping Cough                          | -           | -             |
| 6. Meningococcal infections                | -           | -             |
| 7. Acute Poliomyelitis                     | -           | -             |
| 8. Measles                                 | -           | -             |
| 9. Other infections and parasitic diseases | -           | -             |
| 10. Cancer of stomach                      | 3           | 1             |
| 11. Cancer of lung      Bronchus           | 10          | -             |
| 12. Cancer of breast                       | -           | 3             |
| 13. Cancer of uterus                       | -           | 1             |
| 14. Cancer of all other sites              | 15          | 7             |
| 15. Leukemia Aleukemia                     | -           | -             |
| 16. Diabetos                               | 2           | 2             |
| 17. Vascular lesions of nervous system     | 22          | 25            |
| 18. Coronary diseases Angina               | 25          | 16            |
| 19. Hypertension with heart diseases       | 2           | -             |
| 20. Other heart disease                    | 37          | 37            |
| 21. Other circulatory disease              | 2           | 2             |
| 22. Influenza                              | -           | -             |
| 23. Pneumonia                              | 3           | 4             |
| 24. Bronchitis                             | 10          | 2             |
| 25. Other diseases of respiratory system   | 2           | -             |
| 26. Ulcer of stomach and Duodenum          | -           | -             |
| 27. Gastritis, enteritis, diarrhoea        | -           | -             |
| 28. Nephritis and Nephrosis                | 1           | -             |
| 29. Hyperplasia of prostate                | 5           | -             |
| 30. Pregnancy, childbirth, abortion        | -           | -             |
| 31. Congenital malformation                | 1           | 2             |
| 32. Other defined and ill-defined diseases | 6           | 12            |
| 33. Motor vehicle accidents                | 2           | 3             |
| 34. All other accidents                    | 3           | 2             |
| 35. Suicide                                | 3           | -             |
| 36. Homicide and other operations of war   | -           | 1             |
|                                            | <u>159</u>  | <u>122</u>    |

To the Medical Officer of Health for  
each Metropolitan Borough,  
County Borough, County and  
County District in England and  
Wales.

GENERAL REGISTER OFFICE  
(STATISTICAL DIVISION),  
SOMERSET HOUSE,  
LONDON, W.C.2.

ANNUAL REPORTS OF MEDICAL OFFICERS OF HEALTH - 1953  
VITAL STATISTICS

Birth rates, Death rates, Analysis of Mortality, Maternal Mortality and Case rates  
for certain Infectious Diseases in the Year 1953. Provisional figures based  
on Quarterly Returns.

|                                                        | England<br>and<br>Wales | 160 County<br>Boroughs and<br>Great Towns<br>(including<br>London) | 160 Smaller<br>Towns (Resident<br>Population<br>25,000 - 50,000<br>at 1951 Census) | London<br>Administrative<br>County |
|--------------------------------------------------------|-------------------------|--------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------|
| Rates per 1000 Home Population                         |                         |                                                                    |                                                                                    |                                    |
| <b>BIRTHS</b>                                          |                         |                                                                    |                                                                                    |                                    |
| Live Births                                            | 15.5                    | 17.0                                                               | 15.7                                                                               | 17.5                               |
| Still Births                                           | ( 0.35                  | 0.43                                                               | 0.34                                                                               | 0.38                               |
|                                                        | ( 22.4 (a)              | 24.8 (a)                                                           | 21.4 (a)                                                                           | 21.0 (a)                           |
| <b>DEATHS</b>                                          |                         |                                                                    |                                                                                    |                                    |
| All Causes                                             | 11.4                    | 12.2                                                               | 11.3                                                                               | 12.5                               |
| Typhoid and paratyphoid                                | 0.00                    | 0.00                                                               | -                                                                                  | -                                  |
| Whooping Cough                                         | 0.01                    | 0.01                                                               | 0.00                                                                               | 0.00                               |
| Diphtheria                                             | 0.00                    | 0.00                                                               | 0.00                                                                               | -                                  |
| Tuberculosis                                           | 0.20                    | 0.24                                                               | 0.19                                                                               | 0.24                               |
| Influenza                                              | 0.16                    | 0.15                                                               | 0.17                                                                               | 0.15                               |
| Smallpox                                               | 0.00                    | 0.00                                                               | 0.00                                                                               | -                                  |
| Acute poliomyelitis (in-<br>cluding polioencephalitis) | 0.01                    | 0.01                                                               | 0.01                                                                               | 0.01                               |
| Pneumonia                                              | 0.55                    | 0.59                                                               | 0.52                                                                               | 0.54                               |
| <b>Notifications (Corrected)</b>                       |                         |                                                                    |                                                                                    |                                    |
| Typhoid fever                                          | 0.00                    | 0.00                                                               | 0.00                                                                               | 0.01                               |
| Paratyphoid fever                                      | 0.01                    | 0.01                                                               | 0.01                                                                               | 0.01                               |
| Meningococcal infection                                | 0.03                    | 0.04                                                               | 0.03                                                                               | 0.03                               |
| Scarlet Fever                                          | 1.39                    | 1.50                                                               | 1.44                                                                               | 1.02                               |
| Whooping cough                                         | 3.58                    | 3.72                                                               | 3.38                                                                               | 3.30                               |
| Diphtheria                                             | 0.01                    | 0.01                                                               | 0.01                                                                               | 0.00                               |
| Erysipelas                                             | 0.14                    | 0.14                                                               | 0.13                                                                               | 0.12                               |
| Smallpox                                               | 0.00                    | 0.00                                                               | 0.00                                                                               | -                                  |
| Measles                                                | 12.36                   | 11.27                                                              | 12.32                                                                              | 8.09                               |
| Pneumonia                                              | 0.84                    | 0.92                                                               | 0.76                                                                               | 0.73                               |
| Acute poliomyelitis (in-<br>cluding polioencephalitis) |                         |                                                                    |                                                                                    |                                    |
| Paralytic                                              | 0.07                    | 0.06                                                               | 0.06                                                                               | 0.07                               |
| Non-paralytic                                          | 0.04                    | 0.03                                                               | 0.04                                                                               | 0.03                               |
| Food poisoning                                         | 0.24                    | 0.25                                                               | 0.24                                                                               | 0.38                               |
| Puerperal pyrexia                                      | 18.23(a)                | 24.33(a)                                                           | 12.46(a)                                                                           | 28.61(a)                           |

Rates per 1,000 Live Births

|                                                 |         |      |      |      |
|-------------------------------------------------|---------|------|------|------|
| <b>DEATHS</b>                                   |         |      |      |      |
| All causes under 1 year of<br>age               | 26.8(b) | 30.8 | 24.3 | 24.8 |
| Enteritis and diarrhoea<br>under 2 years of age | 1.1     | 1.3  | 0.9  | 1.1  |

(a) Per 1,000 Total (Live and Still) Births

(b) Per 1,000 related live births;

# MATERNAL MORTALITY IN ENGLAND AND WALES.

| Intermediate List No.<br>and cause |                                                                    | No. of<br>Deaths | Rates per 1000 Total<br>(Live and Still)<br>Births | Rates per<br>million<br>women aged<br>15-44 |
|------------------------------------|--------------------------------------------------------------------|------------------|----------------------------------------------------|---------------------------------------------|
| A115                               | Sepsis of pregnancy, childbirth<br>and the puerperium              | 68               | 0.10                                               |                                             |
|                                    | ( Abortion with toxæmia                                            | 7                | 0.01                                               | 1                                           |
| A116                               | ( Other toxæmias of pregnancy<br>( and the puerperium              | 166              | 0.24                                               |                                             |
| A117                               | Haemorrhage of pregnancy<br>and childbirth                         | 90               | 0.13                                               |                                             |
| A118                               | Abortion without mention of<br>sepsis or toxæmia                   | 30               | 0.04                                               | 3                                           |
| A119                               | Abortion with sepsis                                               | 39               | 0.06                                               | 4                                           |
| A120                               | Other complications of pregnancy,<br>childbirth and the puerperium | 125              | 0.18                                               |                                             |

URBAN DISTRICT OF SEATON VALLEY.

Annual Report of the Chief Sanitary Inspector  
for the Year ending 31st December, 1953.

To the Chairman & Members  
of the Council;

Ladies and Gentlemen,

1. During 1953 Mr. Colin J. Mullarkey was called up to serve his term of National Service on 16th September, 1953, and Miss M. Armstrong took up her post of Temporary Junior Clerk on 14th September, 1953, so that at the 31st December, 1953, the staff was as follows:-

|                               |                                        |
|-------------------------------|----------------------------------------|
| Medical Officer of Health     | William Cunningham, MB., Ch.B., D.P.H. |
| Chief Sanitary Inspector      | James R. Wilson, M.R.S.I., M.S.I.A.    |
| Additional Sanitary Inspector | Ronald Simpson, M.R.S.I., M.S.I.A.     |
| Chief Clerk                   | Thomas J. Elliott                      |
| Junior Clerk (temporary)      | Marion Armstrong.                      |

I am indebted to them for their assistance during the year.

HOUSING :

2. The number of occupied houses is shown in Table 1.

TABLE 1.

Number of Occupied Houses in the District on 31st December.

| (1)  | (2)                                              | (3)                               | (4)                                                                                             | (5)                                                                                                    | (6)               | (7)             |
|------|--------------------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------|-----------------|
|      | Privately Owned<br>In<br>Clear-<br>ance<br>Areas | Not in<br>Clear-<br>ance<br>Areas | Privately owned<br>houses requisitioned by the<br>local authority<br>included in<br>(2) and (3) | Houses in (2)<br>occupied under<br>licence issued<br>under Defence<br>(General) Reg.<br>1939 No. 68AA. | Council<br>Houses | Total<br>Houses |
| 1949 | 662                                              | 4647                              | 35                                                                                              | 163                                                                                                    | 2649              | 7958            |
| 1950 | 597                                              | 4654                              | 33                                                                                              | 175                                                                                                    | 2779              | 8030            |
| 1951 | 513                                              | 4655                              | 27                                                                                              | 181                                                                                                    | 2892              | 8060            |
| 1952 | 521                                              | 4651                              | 22                                                                                              | 182                                                                                                    | 3015              | 8187            |
| 1953 | 479                                              | 4664                              | 19                                                                                              | 171                                                                                                    | 3164              | 8307            |

I am glad to be able to state that the number of condemned houses still occupied at 31st December, 1953, was 42 less than at 31st December, 1952.

This was a considerably better situation than the previous year's figures but not so good as for 1951 or 1950.

There is still an urgent need to empty and demolish condemned property in this district.

Houses subject to Clearance Orders but still occupied at 31st December, 1953.

| CRAMLINGTON                      | No. of Houses | SEGHILL               | No. of Houses |
|----------------------------------|---------------|-----------------------|---------------|
| South Road, Klondyke             | 4             | Blaketown             | 35            |
| Brickyard Cottages               | 2             | Whiteheads Buildings  | 19            |
| Office Road, E. Hartford         | 6             | Flat Top Row          | 20            |
| Charlton's Blds., Shankhouse     | 7             | Post Office Buildings | 7             |
| Terrace Road, Klondyke           | 29            | Quarry Row            | 15            |
| Lamb Street, E. Cramlington      | 29            | Ladysmith             | 3             |
| Albion Terrace, Shankhouse       | 34            | Station Terrace       | 6             |
| Boundary Road, do.               | 1             | Mares Close           | 8             |
| Boundary Place, do.              | 2             | Old Square            | 1             |
| Handyside Place, do.             | 1             | Old Fold              | 5             |
| Shankhouse Terrace, do.          | 84            | New Square            | 7             |
| Laurel Place, Cramlington        | 2             | Main Street           | 4             |
| Surgery Cottages, E. Cramlington | 2             | Middle Farm           | 4             |
| Sanderson Terrace, do.           | 6             | West Farm             | 8             |
| Bell's Yard, do.                 | 3             | North Terrace         | 11            |
| Low Main Place, do.              | 1             | Blue Row              | 11            |
|                                  | 213           | Burns Yard            | 6             |
|                                  |               | New Square            | 5             |
|                                  |               | The Quarry            | 3             |
|                                  |               | Raid's Lane           | 1             |
|                                  |               | Chapel Row            | 2             |
|                                  |               | High West Farm        | 2             |
|                                  |               | Middle Farm           | 1             |
|                                  |               | Joiners' Cottages     | 2             |
|                                  |               | Front Street          | 5             |
|                                  |               |                       | 189           |
| EARSDON                          |               |                       |               |
| Ivy Cottage, Earsdon             | 1             |                       |               |
| Hotspur Place, Shiremoor         | 2             |                       |               |
| Bertram Place, do.               | 2             |                       |               |
| Dobinson's Yard, do.             | 2             |                       |               |
| Duke's Cottages, Backworth       | 1             |                       |               |
|                                  | 8             |                       |               |
| SEATON DELAVAL                   |               |                       |               |
| Cross Row, New Hartley           | 5             |                       |               |
| Wheatridge Row, S. Delaval       | 36            |                       |               |
| Pit Cottages, Bates Cottages     | 2             |                       |               |
| Colliery Gardens, S. Delaval     | 1             |                       |               |
| North Farm Cottage, Holywell     | 1             |                       |               |
| East Grange Cottages, do.        | 2             |                       |               |
| Foromans Row, S. Delaval         | 1             |                       |               |
| Dodds Buildings, Holywell        | 2             |                       |               |
|                                  | 50            |                       |               |

Requisitioned Houses:

The following 23 houses were held by the Council under requisition on 1st January, 1953.

|                                   |                        |          | Derequisitioned |
|-----------------------------------|------------------------|----------|-----------------|
|                                   | Cramlington Housing    |          |                 |
| 1a Boundary Place, Shankhouse     | Sub-committee          | 23. 9.52 |                 |
| 5 Boundary Road, do.              | do.                    | 22. 1.52 |                 |
| 7 do. do.                         | do.                    | 22. 1.52 |                 |
| 9 do. do.                         | do.                    |          |                 |
| 7 Lamb Street, E. Cramlington     | do.                    |          |                 |
| 39 do. do.                        | do.                    | 28. 7.53 |                 |
| 77 do. do.                        | do.                    |          |                 |
| 5 Middle Wood Road, Shankhouse    | do.                    | 2.52     |                 |
| 2 Millers Stores, E. Cramlington  | do.                    |          |                 |
| 18 Shankhouse Terrace, Shankhouse | do.                    |          |                 |
| 24 do. do.                        | do.                    |          |                 |
| 33 do. do.                        | do.                    |          |                 |
| 56 do. do.                        | do.                    |          |                 |
| 57 do. do.                        | do.                    |          |                 |
| 9 Terrace Road, Klondyke          | do.                    | 27. 1.53 |                 |
| 23 Redheugh Road, Wellfield       | Earsdon Housing        | 4. 2. 53 |                 |
|                                   | Sub-committee          |          |                 |
| 2 Pit Cottages, Bates Cottages    | Seaton Delaval Housing | 22.12.53 |                 |
|                                   | Sub-committee          |          |                 |

|                         |         |                      |
|-------------------------|---------|----------------------|
| 53 Blaketown,           | Seghill | Seghill Area Housing |
| 6 Blue Row,             | do.     | Sub-committee        |
| 2 High West Farm        |         |                      |
| Cottage,                | do.     | do.                  |
| 7 New Square,           | do.     | do.                  |
| 3 Quarry Road,          | do.     | do.                  |
| 5 do.                   | do.     | do.                  |
| 9 do.                   | do.     | do.                  |
| 1 Station Terrace,      | do.     | do.                  |
| 4 West Farm,            | do.     | do.                  |
| 4 Whiteheads Buildings, | do.     | do.                  |

All the properties requisitioned except those marked = are subject to Clearance Order.

At the 31st December, 1953, there were 19 houses requisitioned, 4 having been de-requisitioned during the year.

| <u>Area of</u>                    | <u>No. of</u><br><u>Requisitioned Houses</u><br><u>at 31st December.</u> |
|-----------------------------------|--------------------------------------------------------------------------|
| Cramlington Housing Sub-committee | 9                                                                        |
| Earsdon do.                       | -                                                                        |
| Seaton Delaval do.                | -                                                                        |
| Seghill do.                       | 10                                                                       |

Defence (General) Regulations 1939 No. 68AA:

3. No new licences were issued during 1953 and the following licences were withdrawn:

| <u>Licence</u><br><u>No.</u> | <u>Address</u>                     | <u>Withdrawn</u> |
|------------------------------|------------------------------------|------------------|
| 72                           | 2 Handyside Place, Shankhouse      | 10.8.53          |
| 157A                         | 3 Charlton's Buildings, Shankhouse | 22.9.53          |
| 26                           | 6 Shankhouse Terrace, do.          | 22.9.53          |
| 41                           | 28 Albion Terrace, do.             | 22.9.53          |
| 150                          | 13 Office Road, Hartford           | 22.9.53          |
| 178                          | 26 Albion Terrace, Shankhouse      | 22.9.53          |
| 102                          | 6 Charltons Buildings do.          | 22.9.53          |
| 185                          | 19 Albion Terrace, do.             | 5.12.53          |
| 54                           | 8 Cross Row, New Hartley           | 22.9.53          |
| 121                          | 6 do. do.                          | 5.12.53          |
| 138                          | 10 do. do.                         | 5.12.53          |

The table below shews the position regarding licensed houses in each Housing Sub-committee's area at 31st December 1953.

| <u>No. of Licences</u><br><u>current</u><br><u>31.12.52</u> | <u>Granted</u><br><u>during 1953</u> | <u>Terminated</u><br><u>during 1953</u> | <u>Current</u><br><u>31.12.53</u> | <u>Area Housing</u><br><u>Sub-committee</u> |
|-------------------------------------------------------------|--------------------------------------|-----------------------------------------|-----------------------------------|---------------------------------------------|
| 81                                                          | -                                    | 8                                       | 73                                | Cramlington                                 |
| 2                                                           | -                                    | -                                       | 2                                 | Earsdon                                     |
| 14                                                          | -                                    | 3                                       | 11                                | Seaton Delaval                              |
| 85                                                          | -                                    | -                                       | 85                                | Seghill                                     |
| <u>182</u>                                                  | <u>-</u>                             | <u>11</u>                               | <u>171</u>                        |                                             |

The following houses were demolished during 1953:

Cramlington Area

|                                 |   |
|---------------------------------|---|
| 5 & 7 Boundary Road, Shankhouse | 2 |
| 1 Boundary Place, do.           | 1 |
| 1 Bell's Yard, Cramlington      | 1 |

Seghill Area

|                           |   |
|---------------------------|---|
| 10 & 11 Post Office Blds. | 2 |
| 2, 3, 4 & 5, Old Square   | 4 |

Seaton Delaval Area

|                              |   |
|------------------------------|---|
| 6 & 8 Cross Row, New Hartley | 2 |
| 2 Pit Cottages, B. Cottages  | 1 |

TABLE 2.

|                                                                                                                                                                                         | 1949   | 1950       | 1951    | 1952     | 1953       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------|---------|----------|------------|
| Number of houses which on inspection were considered to be unfit for human habitation                                                                                                   | 84     | 121        | 137     | 120      | 130        |
| Number of houses the defects in which were remedied in consequence of informal action by the local authority or their officers                                                          | 186    | 140        | 136     | 127      | 101        |
| Number of representations made to the local authority with a view to:-<br>(a) the serving of notices requiring the execution of works<br>(b) the making of demolition or closing orders | 3<br>1 | 40<br>None | 32<br>1 | 25<br>15 | 33<br>None |
| Number of notices served requiring the execution of works                                                                                                                               | 3      | 40         | 32      | 8        | 33         |
| Number of houses which were rendered fit after service of formal notices                                                                                                                | 3      | 5          | 22      | 9        | 18         |
| Number of demolition or closing orders made                                                                                                                                             | 1      | None       | 1       | 8        | None       |
| Number of houses in respect of which an undertaking was accepted under sec 11(3) of the Housing Act 1936                                                                                | None   | None       | None    | 7        | None       |
| Number of houses demolished                                                                                                                                                             | 15     | 65         | 61      | 27       | 13         |
| Total number of houses inspected under the Public Health and Housing Acts                                                                                                               | 225    | 212        | 265     | 177      | 216        |
| Total number of inspections made in respect of the above houses                                                                                                                         | 1182   | 723        | 1254    | 574      | 551        |

12 of the statutory notices served and not complied with were passed to the Surveyor's Department for the work to be done in default of the owners. At 31st December 1953 the work had not yet been completed.

## DRAINAGE:

5. The following drainage works were executed during the year:

TABLE 3.

|                                             | 1949 | 1950 | 1951 | 1952 | 1953 |
|---------------------------------------------|------|------|------|------|------|
| No. of feet of old drain removed            | 85   | 146  | 159  | 26   | 20   |
| " " " " new 4" drain installed              | 1211 | 1321 | 4035 | 3330 | 1750 |
| " " " " " 6" " "                            | 120  | -    | 1190 | 180  | 64   |
| " " defective gullies removed               | 9    | 7    | 20   | 5    | -    |
| " " new trapped gullies provided            | 39   | 39   | 167  | 93   | 90   |
| " " privies removed                         | 2    | -    | 16   | 175  | 4    |
| " " ashpits removed                         | 2    | -    | 16   | 175  | 3    |
| " " privies and ashpits repaired            | -    | 18   | -    | -    | -    |
| " " new waterclosets provided               | 25   | 21   | 51   | 201  | 25   |
| " " " sinks provided                        | 5    | 4    | 60   | 27   | 113  |
| " " waste inspection chambers provided      | 20   | 23   | 35   | 23   | 22   |
| " " baths installed (excl. Council houses)  | 6    | 1    | 6    | 9    | 14   |
| " " houses at which drains have been tested | 27   | 30   | 68   | 80   | 82   |
| " " tests of drains made                    | 59   | 59   | 165  | 90   | 101  |
| " " urinals provided                        | -    | 4    | 2    | -    | -    |

Where it is possible and appropriate new drains are subjected to a water test as a routine. In other cases smoke tests are applied.

#### RIVERS AND STREAMS:

6. Control of these passed from the Council on 1st October 1950. No material change was notified in the Seaton Burn or Brier Dene streams.

#### ATMOSPHERIC POLLUTION:

7. The Fenwick Pit, East Holywell spoilbank improved during the year and is at the time of writing under control.

"C" Pit Heap, Backworth, is growing rapidly but recently the 4" main from the Colliery was replaced by a 6" main so that there is an abundance of water available to keep the fire down. Its condition varies and continuous spraying would probably kill all fire in it.

#### INFECTIOUS DISEASES:

8. 6 houses were disinfected after cases of infectious disease.

3 infected library books valued at 13s/10d. were destroyed.

86 visits were paid to cases of infectious disease.

#### WATER SUPPLY:

9. 4 samples of water supplied to this district were taken during the year, two from each supplier.

In all cases the Public Analyst examined them chemically and bacteriologically and found the water to be satisfactory.

#### MILK:

10. At the 31st December 1953, the following figures relating to milk obtained:-

TABLE 4.

|                                                                   | At 31st December |      |      |      |      |
|-------------------------------------------------------------------|------------------|------|------|------|------|
|                                                                   | 1949             | 1950 | 1951 | 1952 | 1953 |
| No. of promises registered as dairies<br>(other than dairy farms) | 8                | 5    | 5    | 5    | 3    |
| No. of persons registered as milk<br>distributors                 | 18               | 15   | 16   | 21   | 21   |
| No. of licences authorizing the sale<br>of Tuberculin Tested Milk |                  |      |      |      |      |
| Principal                                                         | 12               | 12   | 12   | 12   | 12   |
| Supplementary                                                     | 1                | 1    | 1    | 1    | 1    |
| No. of licences authorizing the sale<br>of Accredited Milk        |                  |      |      |      |      |
| Principal                                                         | 1                | 1    | 1    | 1    | 1    |
| Supplementary                                                     | -                | -    | -    | -    | -    |
| No. of licences authorizing the sale<br>of Pasteurized Milk       |                  |      |      |      |      |
| Principal                                                         | 11               | 14   | 9    | 14   | 12   |
| Supplementary                                                     | 2                | 2    | 2    | 2    | 2    |
| No. of licences authorizing sale of<br>Sterilized Milk            |                  |      |      |      |      |
| Principal                                                         | 4                | 4    | 8    | 7    | 39   |
| Supplementary                                                     | -                | -    | -    | -    | -    |

8 samples of milk were taken during the year and tested for the presence of b. tuberculosis. All were found tuberculosis free. In one case the guinea pig died before tests were concluded.

9 samples of pasteurized milk submitted to the phosphatase test proved satisfactory.

20 samples of milk submitted to methylene blue test -  
16 proved satisfactory, 4 unsatisfactory.

FOOD INSPECTION:

11. 177 visits were made to retail food shops including butchers, and the following quantities of food were found to be unfit for human consumption:-

|                  |                                      |                    |                                     |
|------------------|--------------------------------------|--------------------|-------------------------------------|
| Cooked Meats     | 108 lbs.                             | Stowed Steak       | 6 tins                              |
| Ham              | 565 " 13 ozs.                        | Beef               | 1537 lbs.                           |
| Jellied Veal     | 25 " 6 "                             | Ox Tongues         | 8 "                                 |
| Bacon and Gammon | 383 " 14 "                           | Xmas Puddings      | 13 doz.                             |
| Cheese           | 19 " 8 "                             | Pork Brawn         | 3 tins                              |
| Cheese           | 1 packet                             | Corned Beef        | 26 <sup>3</sup> / <sub>4</sub> lbs. |
| Shellfish        | 3 tins                               | Custard Powder     | 45 packets                          |
| Tinned Fruit     | 366 tins                             | Milk               | 7 tins                              |
| Soup             | 14 tins                              | Pork Luncheon Meat | 55 lbs.                             |
| Peas             | 69 tins                              | Butter             | 1 lb.                               |
| Peas             | 41 <sup>1</sup> / <sub>2</sub> lbs.  | Ham and Veal Loaf  | 7 lbs.                              |
| Beans            | 60 tins                              | Sauce              | 5 bottles                           |
| Evaporated Milk  | 73 tins                              | Chicken            | 1 tin                               |
| Tomatoes         | 119 tins                             | Jam                | 22 jars                             |
| Cake             | 6 lbs.                               | Pork               | 76 <sup>3</sup> / <sub>4</sub> lbs. |
| Beetroot         | 3 jars                               | Minced Chicken     | 1 tin                               |
| Sausage          | 204 <sup>1</sup> / <sub>2</sub> lbs. | Chicken Paste      | 1 tin                               |
| Vegetable Salad  | 1 tin                                | Crab               | 1 tin                               |
| Salmon           | 1 lb.                                | Eggs               | 1 case                              |
| Ox tails         | 188 lbs.                             | Cream              | 2 tins                              |
| Tongue           | 76 lbs.                              | Kippers            | 1 tin                               |
| Tongue           | 5 tins                               | Flour              | 6 lbs.                              |
| Lobster          | 1 tin                                | Mutton             | 66 lbs.                             |
| Welsh Rarebit    | 1 tin                                | Raisins            | 25 <sup>1</sup> / <sub>4</sub> lbs. |

There are approximately 16 Fried Fish Shops in the district but no wet fish shops. There were on the Register at 31st December, 4 bakehouses and these are inspected for cleanliness.

Ice Cream:

There were, on 31st December, 1953, two premises where ice cream is made and sold, and 28 where ice cream was sold. The following samples were taken.

| Ministry of Health Provisional Grading. |       |    |    |     |    |
|-----------------------------------------|-------|----|----|-----|----|
| No. of Samples                          | Grade | I  | II | III | IV |
| 26                                      |       | 21 | 1  | 3   | 1  |

FACTORIES ACT 1937:

| 12.                                                                     | No. on Register | Inspect- tions | Written Notices            |
|-------------------------------------------------------------------------|-----------------|----------------|----------------------------|
| Factories in which Sections 1,2,3,4 & 6, are enforced by the Council:   | 7               | 8              | -                          |
| Factories not included in above where sec 7 is enforced by the Council: | 26              | 46             | 1                          |
| Other premises in which sec 7 is enforced by the Council:               | -               | -              | -                          |
| Total:                                                                  | 33              | 54             | 1                          |
| Defects                                                                 | Found           | Remedied       | Referred by H.M. Inspector |
| Unsuitable or defective sanitary conveniences                           | 1               | 1              | 1                          |
| Other offences                                                          | -               | -              | -                          |
| Total:                                                                  | 1               | 1              | 1                          |

TABLE 5.

| 13.                                              | 1949 | 1950 | 1951 | 1952 | 1953 |
|--------------------------------------------------|------|------|------|------|------|
| No. of licences issued to store petroleum spirit | 23   | 25   | 20   | 20   | 20   |
| No. of licences issued to store calcium carbide  | 13   | 13   | 12   | 11   | 7    |
| No. of inspections made of above stores          | 29   | 30   | 24   | 144  | 115  |

Emphasis was again laid during the year on petrol installations and the work was easier to handle because during the previous year many improvements had been effected. The standard is now, I feel, high, but no relaxation of vigilance is proposed.

MISCELLANEOUS PREMISES:

14. There are 20 schools, 5 cinemas, 24 public houses, 12 working men's clubs and no public baths or camping sites in the Council's district. Visits were paid to the above as occasion demanded for the investigation of complaints of nuisance.

RODENT CONTROL:

15. Sewer treatments, surface survey, free treatment of private dwellings, and rechargeable treatments at commercial premises were carried out during the year in strict accordance with the Ministry of Agriculture's methods.

REFUSE COLLECTION AND DISPOSAL:

16. Your fleet of refuse vehicles is as under:

| Vehicle Reg. | Make   | First Registered |
|--------------|--------|------------------|
| DNL 835 1    | Dennis | 27.6.49          |
| DJR 248 2    | do.    | 25.3.50          |
| DNL 834 3    | do.    | 20.6.49          |
| ANL 6 5      | do.    | 19.7.41          |
| DJR 780 7    | do.    | 24.6.50          |
| ETV 128 8    | do.    | 9.3.51           |

Your cleansing staff comprised:

|            |                      |
|------------|----------------------|
| 1 foreman  | 21 binlifters        |
| 1 mechanic | 2 controlled-tip men |
| 5 drivers  | 1 salvage man.       |

The number of working days lost during the year was as under:

| Month     | Working Days | Man/working Days | Days lost |
|-----------|--------------|------------------|-----------|
| January   | 21           | 651              | 78        |
| February  | 20           | 620              | 89        |
| March     | 22           | 682              | 86        |
| April     | 20           | 660              | 21        |
| May       | 20           | 640              | 22        |
| June      | 21           | 609              | 115       |
| July      | 23           | 759              | 84        |
| August    | 20           | 620              | 144       |
| September | 22           | 682              | 80        |
| October   | 22           | 682              | 70        |
| November  | 21           | 630              | 99        |
| December  | 21           | 441              | 64        |
|           | 253          | 7676             | 953       |

Tipping took place at East Cramlington, East Holywell, Seghill and Shiremoor Modern School.

The approximate tonnage of refuse collected is shewn below:

| Month     | Motor Vehicle |
|-----------|---------------|
| January   | 1605          |
| February  | 1480          |
| March     | 1621          |
| April     | 1551          |
| May       | 1411          |
| June      | 1397          |
| July      | 1452          |
| August    | 1323          |
| September | 1502          |
| October   | 1457          |
| November  | 1511          |
| December  | 1577          |
|           | 17887         |

# STATISTICS:

17. Population: 26,210

|                         |    |       |
|-------------------------|----|-------|
| No. of houses with bins | -- | 7,968 |
| " " privy boxes         | -- | 135   |
| " " pail closets        | -- | 138   |
| " " ashpits             | -- | 66    |

COST OF REFUSE COLLECTION & SALVAGE COLLECTION & DISPOSAL FOR YEAR ENDED 31ST MARCH, 1954.

| <u>Item</u>             | <u>Particulars</u>                                                                       | <u>Collection</u> | <u>Disposal</u>      | <u>Totals</u> |
|-------------------------|------------------------------------------------------------------------------------------|-------------------|----------------------|---------------|
| 1                       | REVENUE ACCOUNT                                                                          |                   |                      |               |
|                         | GROSS EXPENDITURE:                                                                       |                   |                      |               |
|                         | (i) Labour                                                                               | 7,263             | 1,608                | 8,871         |
|                         | (ii) Transport                                                                           | 4,702             | -                    | 4,702         |
|                         | (iii) Plant, equipment, Land & buildings                                                 | 815               | 101                  | 916           |
|                         | (iv) Other items                                                                         | 18                | 23                   | 41            |
|                         | (v) Total gross expenditure                                                              | 12,798            | 1,732                | 14,530        |
| 2                       | GROSS INCOME                                                                             | -                 | 1,007                | 1,007         |
| 3                       | NET COST                                                                                 | 12,798            | 725                  | 13,523        |
| 4                       | Capital expenditure met from revenue (included above)                                    | -                 | -                    | -             |
|                         | UNIT COSTS                                                                               | s. d.             | s. d.                | s. d.         |
| 5                       | Gross cost per ton, labour only                                                          | 8 0.4             | 1 9.3                | 9 9.7         |
| 6                       | Gross cost per ton, transport only                                                       | 5 2.3             | -                    | 5 2.3         |
| 7                       | Net cost (all expenditure) per ton                                                       | 14 1.9            | 0 9.6                | 14 11.5       |
| 8                       | Net cost per 1,000 population                                                            | 488               | 28                   | 516           |
| 9                       | Net cost per 1,000 premises                                                              | 1458              | 83                   | 1541          |
| OPERATIONAL STATISTICS. |                                                                                          |                   |                      |               |
| 10                      | Area (statute acres) land and inland water                                               |                   | 12,459 acres         |               |
| 11                      | Population at 30th June 1953                                                             |                   | 26,310 persons       |               |
| 12                      | Total refuse collected (tons)                                                            |                   | 18,068 tons          |               |
| 13                      | Weight (cwts.) per 1,000 population per day (365 days to year)                           |                   | 37.7 cwts.           |               |
| 14                      | Number of premises from which refuse is collected                                        |                   | 8,776 premises       |               |
| 15                      | Average haul (miles) by collection vehicle to disposal point                             |                   | 2 miles              |               |
| 16                      | Korbside collection, if practised, expressed as estimated percentage of total collection |                   | 8%                   |               |
| 17                      | Total refuse disposed of                                                                 |                   | 18,068 tons          |               |
| 18                      | Methods of disposal:<br>Controlled tipping                                               |                   | 100%                 |               |
| 19                      | Salvage and Trade Refuse. Analysis of income and tonnage:                                |                   |                      |               |
|                         | Income<br>(included in<br>Item 2)                                                        |                   | Tonnage<br>Collected |               |
|                         | £                                                                                        |                   | Tons                 |               |
|                         | Salvage                                                                                  |                   |                      |               |
|                         | (a) Kitchen Waste                                                                        | -                 | -                    |               |
|                         | (b) Scrap Metal                                                                          | 23                | 5                    |               |
|                         | (c) Waste Paper                                                                          | 834               | 126                  |               |
|                         | (d) Other Salvage                                                                        | 150               | 8                    |               |

Once again my thanks are due to the Chairman of the Council and Health Committee, Mr. T.H. Hancock, J.P., and Mr. T.V. Longstaff, to the Medical Officer of Health for his advice and encouragement and to the staff as already mentioned.

Your obedient Servant,

J.R. WILSON,

Chief Sanitary Inspector.





